

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: June 4, 2003, 23:29:41 ; Search time 257.416 Seconds
(without alignments)
10520.352 Million cell updates/sec

Title: US-09-778-187B-3

Perfect score: 1935
Sequence: 1 ggcggcgccctccagggctcc.....aagaaaaaaaaaaaaaaaaa 1935

Scoring table: IDENTITY NUC
Gap0 10.0, Gapext 1.0

Searched: 870385 seqs, 699768693 residues

To: Number of hits satisfying chosen parameters: 1740770

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications NA:*

- 1: /cgn2_6/ptodata/2/pubpna/US07_PUBCOMB.seq:*
- 2: /cgn2_6/ptodata/2/pubpna/PCT_NEW_PUB.seq:*
- 3: /cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq:*
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- 12: /cgn2_6/ptodata/2/pubpna/US10_PUBCOMB.seq:*
- 13: /cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq:*
- 14: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length DB	ID	Description
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2	1935	100.0	1935	9	US-09-778-187B-3
3	1410.6	72.9	3070	9	US-10-198-846-13923
4	1230	63.6	1598	9	US-09-778-510-19
5	1230	63.6	1598	9	US-09-778-187B-1
6	1209.8	62.5	1508	9	US-09-984-130-21
7	1166.6	60.3	1413	9	US-09-944-403-60
8	1166.6	60.3	1413	9	US-09-944-896-60
9	1166.6	60.3	1413	9	US-09-944-944-60
10	1166.6	60.3	1413	9	US-09-944-907-60
11	1166.6	60.3	1413	9	US-09-944-929-60
12	1166.6	60.3	1413	9	US-10-174-590-33
13	1166.6	60.3	1413	9	US-10-176-758-33
14	1166.6	60.3	1413	9	US-10-173-706-33
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18	1166.6	60.3	1413	9	US-10-173-706-33
19	1166.6	60.3	1413	9	US-10-173-706-33

20	1166.6	60.3	1413	9	US-10-176-482-33	Sequence 33, Appl
21	1166.6	60.3	1413	9	US-10-176-757-33	Sequence 33, Appl
22	1166.6	60.3	1413	9	US-10-176-913-33	Sequence 33, Appl
23	1166.6	60.3	1413	9	US-10-180-552-33	Sequence 33, Appl
24	1166.6	60.3	1413	9	US-10-180-557-33	Sequence 33, Appl
25	1166.6	60.3	1413	9	US-10-173-700-33	Sequence 33, Appl
26	1166.6	60.3	1413	9	US-10-174-572-33	Sequence 33, Appl
27	1166.6	60.3	1413	9	US-10-174-579-33	Sequence 33, Appl
28	1166.6	60.3	1413	9	US-10-174-582-33	Sequence 33, Appl
29	1166.6	60.3	1413	9	US-10-175-739-33	Sequence 33, Appl
30	1166.6	60.3	1413	9	US-10-175-740-33	Sequence 33, Appl
31	1166.6	60.3	1413	9	US-10-175-743-33	Sequence 33, Appl
32	1166.6	60.3	1413	9	US-10-176-488-33	Sequence 33, Appl
33	1166.6	60.3	1413	9	US-10-176-492-33	Sequence 33, Appl
34	1166.6	60.3	1413	9	US-10-176-592-33	Sequence 33, Appl
35	1166.6	60.3	1413	9	US-10-176-747-33	Sequence 33, Appl
36	1166.6	60.3	1413	9	US-10-176-750-33	Sequence 33, Appl
37	1166.6	60.3	1413	9	US-10-176-985-33	Sequence 33, Appl
38	1166.6	60.3	1413	9	US-10-176-987-33	Sequence 33, Appl
39	1166.6	60.3	1413	9	US-10-176-991-33	Sequence 33, Appl
40	1166.6	60.3	1413	9	US-10-176-992-33	Sequence 33, Appl
41	1166.6	60.3	1413	9	US-10-176-993-33	Sequence 33, Appl
42	1166.6	60.3	1413	9	US-10-184-658-33	Sequence 33, Appl
43	1166.6	60.3	1413	9	US-10-173-695-33	Sequence 33, Appl
44	1166.6	60.3	1413	9	US-10-173-697-33	Sequence 33, Appl
45	1166.6	60.3	1413	9	US-10-173-705-33	Sequence 33, Appl

ALIGNMENTS

RESULT 1
US-09-778-510-21
Sequence 21, Application US/09778510
Patent No. US20020164686A1
GENERAL INFORMATION:
APPLICANT: Baum, Peter
TITLE OF INVENTION: Molecules Designated B7L1
FILE REFERENCE: 2844-US
CURRENT APPLICATION NUMBER: US/09/778, 510
CURRENT FILING DATE: 2001-02-07
PCT/US99/17906
PRIOR APPLICATION NUMBER: 1999-08-05
PRIOR FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 22
SOFTWARE: Patent In Ver. 2.0
SEQ ID NO 21
LENGTH: 1935
TYPE: DNA
ORGANISM: Mus musculus
FEATURE:
NAME/KEY: CDS
LOCATION: 2..1272
US-09-778-510-21
Query Match 100.0%; Score 1935; DB 9; Length 1935;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1935; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 GGGGGGCTCCAGGGGCTCCGGCTCCGCTCTGCTCTCTTTCGCGCGGCACT 60
Db 1 GGGGGGCTCCAGGGGCTCCGGCTCCGCTCTGCTCTCTTTCGCGCGGCACT 60
QY 61 GATCCCAACATGAGCTGCAATGAGTCTGTTTACTTAAGACGTGACAGTGAAGAGA 120
Db 61 GATCCCAACATGAGCTGCAATGAGTCTGTTTACTTAAGACGTGACAGTGAAGAGA 120
QY 121 AGTGGCAACATGAGCTGCAATGAGTCTGTTTACTTAAGACGTGACAGTGAAGAGA 180
Db 121 AGTGGCAACATGAGCTGCAATGAGTCTGTTTACTTAAGACGTGACAGTGAAGAGA 180
QY 181 CCCCAACAGGACGACATTTACTTCAAGGACTTCAGGCTTTGAGAGACAGAGTTTCA 240

Db	181	CCCCAACGGACGACCATTCTACGAGGACCTTCAGGACCTTTGAAAGACACAGGTTTCA	240
Oy	241	GCTGCTGAATTTTCTAGCAGTGAACCTCAAAGTGTCACTGACGAATGTCTCAATCTCGA	300
Db	241	GCTGCTGAATTTTCTAGCAGTGAACCTCAAAGTGTCACTGACGAATGTCTCAATCTCGA	300
Oy	301	TGAAGGGAGATCTCTTGTCCAGCTCTACACCGACCCCCACACGAGAGATTACACCCAT	360
Db	301	TGAAGGGAGATCTCTTGTCCAGCTCTACACCGACCCCCACACGAGAGATTACACCCAT	360
Oy	361	CACAGTCCGTTCCCTCCACGTAACTTGATGATCGATATCCAGAAGACACCGCAGTTGA	420
Db	361	CACAGTCCGTTCCCTCCACGTAACTTGATGATCGATATCCAGAAGACACCGCAGTTGA	420
Oy	421	AGGGAGAGAGATTGAAGTCMACTGACTGCATGGCCAGCAAGCCAGCAGCATCAG	480
Db	421	AGGGAGAGAGATTGAAGTCMACTGACTGCATGGCCAGCAAGCCAGCAGCATCAG	480
Oy	481	GTGGTTCAAAGGGAACAAAGAACTCAAAGGCAAATCAGAGTGAAGAGTGTCCGACAT	540
Db	481	GTGGTTCAAAGGGAACAAAGAACTCAAAGGCAAATCAGAGTGAAGAGTGTCCGACAT	540
Oy	541	GTACACTGTGACCAAGTCAGCTAGTGTGAAAGGTGCAAGAGAGAGAGAGCGGGTCCCGG	600
Db	541	GTACACTGTGACCAAGTCAGCTAGTGTGAAAGGTGCAAGAGAGAGAGAGCGGGTCCCGG	600
Oy	601	GATCTGCCAGGTGAGACACCTTCGCGTCACTGAAACCTGCAGACCAGCGCTATCTAGA	660
Db	601	GATCTGCCAGGTGAGACACCTTCGCGTCACTGAAACCTGCAGACCAGCGCTATCTAGA	660
Oy	661	AGTGCAGTATAAACCGCAAGTGCATATCCAGATGACTTACCTCTGCAGAGGCTTAACCG	720
Db	661	AGTGCAGTATAAACCGCAAGTGCATATCCAGATGACTTACCTCTGCAGAGGCTTAACCG	720
Oy	721	GGAAGGGGATGCAATTTGATTAACCGTGAAGCATCGGGAAGCCGACGCTGTAGTGT	780
Db	721	GGAAGGGGATGCAATTTGATTAACCGTGAAGCATCGGGAAGCCGACGCTGTAGTGT	780
Oy	781	AACTTGGGTGAGAGTCGATGATGAAATGCGTCAACATGCGTACTGTCTTGGGCCAAACT	840
Db	781	AACTTGGGTGAGAGTCGATGATGAAATGCGTCAACATGCGTACTGTCTTGGGCCAAACT	840
Oy	841	GTTTCATCAATTAACCTTAACAAACACAGATAACGGTACTTACCGCTGAGAGCTTCCAACAT	900
Db	841	GTTTCATCAATTAACCTTAACAAACACAGATAACGGTACTTACCGCTGAGAGCTTCCAACAT	900
Oy	901	AGTGGGAAGGCTCAATTTGGACATATAAGCTGATATGATACGATCCCCCAACATATCCC	960
Db	901	AGTGGGAAGGCTCAATTTGGACATATAAGCTGATATGATACGATCCCCCAACATATCCC	960
Oy	961	TCCTCCCAACAAACACACCACTACACCAACACACACCAACACCACTCTTACCATCAT	1020
Db	961	TCCTCCCAACAAACACACCACTACACCAACACACACCAACACCACTCTTACCATCAT	1020
Oy	1021	CACAGATTTCTCGAGCAGTGAAGAGGGGACCAATTTGGGGCAGTGGACACGACAGTATGG	1080
Db	1021	CACAGATTTCTCGAGCAGTGAAGAGGGGACCAATTTGGGGCAGTGGACCAACGACGATTTGG	1080
Oy	1081	TGGCGTCGTAAGCCGTGTGTGTGTTGGCCATGCAATGCTTGTCTCATATTTCTGGGCGGCTA	1140
Db	1081	TGGCGTCGTAAGCCGTGTGTGTGTTGGCCATGCAATGCTTGTCTCATATTTCTGGGCGGCTA	1140
Oy	1141	TTTTGCCAGACATTAAGGTACATCTTCACTCATGTAAGCCAAAGAGCGATACCGAC	1200
Db	1141	TTTTGCCAGACATTAAGGTACATCTTCACTCATGTAAGCCAAAGAGCGATACCGAC	1200
Oy	1201	AGACGACAGACACGCTATATCAATGACAGAGAGAGACAGAACCACTCCGAAAGAAAGAA	1260
Db	1201	AGACGACAGACACGCTATATCAATGACAGAGAGAGACAGAACCACTCCGAAAGAAAGAA	1260
Oy	1261	AGAGTACTTCACTTAGATCAGCTTTTGTTCCAATGAGAGTGTCCAATGCGCTGTTTAA	1320
Db	1261	AGAGTACTTCACTTAGATCAGCTTTTGTTCCAATGAGAGTGTCCAATGCGCTGTTTAA	1320

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1501	ATCTGTTTATTAATTTGCTTGGGTTTGGGTTTGGGTTTGGTTTTGTGTTTTCATTTAT	1560
1501	ATCTGTTTATTAATTTGCTTGGGTTTGGGTTTGGGTTTGGTTTTGTGTTTTCATTTAT	1560
1561	ATTTCCTTCACCAAGTCAAACTGGGCTGACTGGAATTTGGTTGGATGATGAGAAAA	1620
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1621	TTCTGTCGCTGTTTTCATCTGCTGTTGTTGTTGTTTCTCCCTCTGTCGCAATTTATTTTC	1680
1621	TTCTGTCGCTGTTTTCATCTGCTGTTGTTGTTGTTTCTCCCTCTGTCGCAATTTATTTTC	1680
1681	CCAAATCAAAATTTGTTTTTTTCCCCCTCCCAACCTCCATTTTGGAAATCACCTGC	1740
1681	CCAAATCAAAATTTGTTTTTTTCCCCCTCCCAACCTCCATTTTGGAAATCACCTGC	1740
1741	TGGAATTCCTAAGACTTTCGCCGTTGCGACAGTTCTTTATTTGATGAAGGTGACTG	1800
1741	TGGAATTCCTAAGACTTTCGCCGTTGCGACAGTTCTTTATTTGATGAAGGTGACTG	1800
1801	CTTTCCTGTCGAATTCAGTTTCATTAAGAGAAAAACAGACATTTAGATTTCATAGTT	1860
1801	CTTTCCTGTCGAATTCAGTTTCATTAAGAGAAAAACAGACATTTAGATTTCATAGTT	1860
1861	CAGAAATTAGTGTCTCATGATGATCATCTCTCTGTTGTTGTAAGATTTGGGTGAAGAA	1920
1861	CAGAAATTAGTGTCTCATGATGATCATCTCTCTGTTGTTGTAAGATTTGGGTGAAGAA	1920
1921	AAAAAAAAAAAAAAAA 1935	
1921	AAAAAAAAAAAAAAAA 1935	

GenCore version 5.1.6
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OM nucleic - nucleic search, using bw model

Run on: June 4, 2003, 20:42:37 ; Search time 98.5848 Seconds
(without alignments)
6019.383 Million cell updates/sec

Title: US-09-778-187B-3
Perfect score: 1935
Sequence: 1 ggcgcgcctccagcgctcc.....aagaaaaaaaaaaaaaaaaa 1935

Scoring table: IDENTITY NUC
Gapop 10.0, Gapext 1.0

Searched: 441362 seqs, 1533381 residues
To: number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents NA.*
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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

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3	219.4	11.3	1335	2	US-08-659-984A-4
4	219.4	11.3	1335	4	US-08-660-531-4
5	83.8	4.3	7218	1	US-08-233-463-14
6	58.6	3.0	2477	1	US-08-428-742-1
7	57.6	3.0	2447	2	US-09-014-969-14
8	56.4	2.9	240	1	US-08-628-417-6
9	53	2.7	6755	3	US-08-931-999-4
10	51.6	2.7	7218	1	US-08-233-463-14
11	50.4	2.6	289	4	US-09-007-005-17
12	50.4	2.6	289	4	US-09-244-796-17
13	49.8	2.6	1476	3	US-08-753-007A-7
14	49.8	2.6	1476	3	US-09-398-496-7
15	49.8	2.6	1884	3	US-08-753-007A-5
16	49.8	2.6	1884	3	US-09-398-496-5
17	49.8	2.6	2268	3	US-08-753-007A-31
18	49.8	2.6	2268	3	US-09-398-496-31
19	49.2	2.5	19124	2	US-08-487-826B-13
20	47.6	2.5	6243	2	US-09-056-075-1
21	46.4	2.4	700	4	US-09-236-097-8
22	46.4	2.4	35828	4	US-09-449-218D-17
23	46.2	2.4	11236	1	US-07-853-913-1
24	45.8	2.4	277	4	US-09-007-005-3
25	45.8	2.4	277	4	US-09-244-796-3
26	45.6	2.4	252	2	US-08-332-766A-28
27	45.4	2.3	1798	4	US-09-797-906-1

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C 29	45.2	2.3	3680	5	PCT-US95-09383-1	Sequence 1, Appli
C 30	45	2.3	377	2	US-08-332-766A-1	Sequence 1, Appli
C 31	45	2.3	1447	4	US-09-443-041A-27	Sequence 27, Appli
C 32	44.8	2.3	993	2	US-08-525-864A-3	Sequence 3, Appli
C 33	44.8	2.3	1733	3	US-09-073-569-1	Sequence 1, Appli
C 34	44.8	2.3	2949	4	US-09-412-554A-3	Sequence 3, Appli
C 35	44.8	2.3	3441	2	US-08-525-864A-1	Sequence 1, Appli
C 36	44	2.3	3275	4	US-09-370-838-151	Sequence 151, App
C 37	44	2.3	51259	3	US-08-781-891-209	Sequence 209, App
C 38	43.2	2.2	642	1	US-08-764-100-13	Sequence 13, Appli
C 39	43.2	2.2	1509	4	US-09-199-476-179	Sequence 179, App
C 40	43.2	2.2	1607	3	US-08-753-007A-3	Sequence 3, Appli
C 41	43.2	2.2	1607	3	US-09-398-496-3	Sequence 3, Appli
C 42	43.2	2.2	2320	4	US-09-202-904A-13	Sequence 13, Appli
C 43	43.2	2.2	2467	3	US-08-753-007A-1	Sequence 1, Appli
C 44	43.2	2.2	2467	3	US-09-398-496-1	Sequence 1, Appli
C 45	43.2	2.2	3000	1	US-08-764-100-9	Sequence 9, Appli

ALIGNMENTS

RESULT 1
US-08-659-984A-2
Sequence 2, Application US/08659984A
Patent No. 5942400
GENERAL INFORMATION:
APPLICANT: Anderson, John P.
APPLICANT: Simha, Sukanto
APPLICANT: Jacobson-Croak, Kirsten L.
TITLE OF INVENTION: Assays for Detecting Beta-Secretase
TITLE OF INVENTION: Inhibition
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Ctr., 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/659,984A
FILING DATE: 07-JUN-1995
CLASSIFICATION: 436
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 08/485,152
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Heslin, James M.
REGISTRATION NUMBER: 29,541
REFERENCE/DOCKET NUMBER: 15270-002810US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 1266 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-659-984A-2

Query Match 11.3%; Score 219.4; DB: 2; Length 1266;
Best Local Similarity 52.1%; Pred. No. 2.7e-52;
Matches 651; Conservative 0; Mismatches 541; Indels 57; Gaps 5;

QY	75	ATGACACGAATCTGTTTACTTAAAGCCGACAGATATGAAAGGAAAGTGGCAACATCA	134
Db	26	AAGGACGTTTCCACTAACACGAATGTAACCGTTGTGTAAGTGAATCGAATTTTGA	85
QY	135	GCTGCCAGGTCAATTAAGATGACGACTACGATATCCAGCTCCTGTAACCCCAACGACGA	194
Db	86	CTCGAGAGGTGATCAAAATGATTAACCTCCCTCAGTGGTCAAAATCCAGCTCAACGA	145
QY	195	CCATTACTTACAGGACCTTCAAGCCCTTTGAAAGACAGAGTTTCACTGCTGAATTTT	254
Db	146	CTCTGACTTTGACGACCAAGAAAGCTTTAAGGGCAATAGGATCGAGCTGGTTCGCGCTT	205
QY	255	CTAGACAGGACTCAAGTGTCACTGACGAATGTCTCAATCTCGATGAAGGAGATCT	314
Db	206	CTGGCATGAATTTGATTTAGTTAGTGTCAGTGATGTCTCTCTGTAATAAAGACATGCA	265
QY	315	TCTGCCAGCTCTACACGAGACCCCCACAGAGAGTTACACCAACATCAAGTCTCGTTTC	374
Db	266	CCTGTCTTTATTATCAATGCGCTGCAAACTTCCAAAGGCATATCTACCGTTCTGGGTC	325
QY	375	CTCCACGTAACCTGATGATCGATATCCAGAAAGACACGGCAGTTGAAGGGAGAGATTG	434
Db	326	TTCTGAAAACCTTCAGATTTAGTGGATTCTCATCACGATTATGAGGAGTGACTTGATGC	385
QY	435	AAGTCAATGTATCTGCCATGGCCAGCAGCAGCAGCAGCAGCATCATGAGTGT-----	486
Db	386	AGTGACTTGGAAAACCTCTGGTGTAAACCTGACGCTGATTTAAGATGTTCAAAATG	445
QY	487	-CAAAAGGAAACAGGAACTCAAAGGCAATCAGAGGTGAGGAGTGTGCGACATGTACA	545
Db	446	ACAAAGAAATTAAGATGTAATAATTTTAAAGAAAGAGATGCAAAATGCAAGACATTCA	505
QY	546	CTGTGACCAATCAGTGAATGCTGAAGGTGCACAAGAGAGACGAGCGGATCCCGGTGATCT	605
Db	506	CTGTACAGACACACTGGAATTCGAGTGGACCGGAGTGAATGATGATGGGCGGTCACT	565
QY	606	GCCAGTGGAGACACCCCTGGCTCACTGAAAACCTGCAG---ACCCAGGCTATCTAAGAG	662
Db	566	GCGAGTATGATCAACGAATCCCTCAATGCGACCCCTCAAGTACGCAATGCAAGGTCTTGA	625
QY	663	TGCAGTATAAACCGGAAGTGCATATCCAGATGACTTACCTCTGCAAGGCTTAACCCGAG	722
Db	626	TACACTATACACATCACTTAAGATTAATACATGCATCTTTTC-----CACAG	676
QY	723	AAGGGATGCAATTGAGTTAAACGTGTGAAGCCATGGGAGGCCAGCCTGTGATGTAA	782
Db	677	AAGGACAGCTTTAATTTTGACTTGTGATCCAAAGAAACCACTGCAAGAACCTGTTT	736
QY	783	CTTGGGTGAGAGTGCATATGAATAGCTTCAACATGCC-----GTACTGTCTGGGCCAA	836
Db	737	TGTGACAAAGAGATGGCGAGAAATTACAGATCCCTGACCGAATGGTTGTGATGTAGAG	796
QY	837	ACCTGTTATCAATTAACCTTAAACAAACAGATTAACGATACTTACCGCTGTGAGGTTTCA	896
Db	797	AGCTTAACATTTCTTTCTTGAACAAACGAGTAATGTATCATATGATGTGAAGCCAA	856
QY	897	ACATGTGGAAAGGCTCATTCGACATAATGCTGATGTATATCGATCCCCCAACATA	956
Db	857	AACATTTGGCCAAAGCAGTGGGAAATATGTTCTCATTTGTGATGATGTTCCAAACATT	916
QY	957	TCCCTCTCCCAACAAACACACACACTACACACCAACACACACACACACTCTTACCA	1016
Db	917	TGCTTCCCACTACTATCAATCCCTCCCTTCAACATGCAACAGTCAACACACTGTAGCCA	976
QY	1017	TCATCAGAGATTCTGACAGAGGTGAAGAGGGAGCATTTGGGGCACTG-----	1065
Db	977	TAAACAACGACCAACACATCTGCAACACACAGACATCAAGATCTTAATGCTTTGG	1038
QY	1064	-----GACCAACGAGTGAATTTGAGCGTCTGACCCGTGAGTGTGTTG	1108
Db	1037	CTGGCAGAAATGGCCCTGACCACTGTCTCATAGAGAGAAATAGTGGCTGATGTATTTG	1099
QY	1107	CCATGCTATGCTGCTCATCTTCTGGGCGCTATTTTTCAGACATTAAGAGTACATCT	1166

Db	1097	TCAGCGTGTGTTATCTTTCTGTTGGTGGATATCTGGCAAGCATTAAGGACGTATT	1156
Qy	1167	TCACTCATGAGCCAAAGAGCCGATGACGCGACAGACGACACACGCTTTATTCATG	1226
Db	1157	TAAACAATGAAGCTTAAAGAGACTTAAGATGCAACAGATGCTGAATACAGCCATTTCATG	1216
Qy	1227	CAGAAGGAGGACAGAACCACTCCGAGAAAAAAGAAAGTACTTCATCTTA	1275
Db	1217	CTGAAGCGAGCCAAAGTCAATGCTTAAGAGAAAAAGATATTTCATTTA	1265

RESULT 2
US-08-660-531-2

; Sequence 2, Application US/08660531
; Patent No. 6221645
; PATENT ATTORNEY

;
; GENERAL INFORMATION:
; APPLICANT: Chrysler, Susanna M.S.
; APPLICANT: Sinha, Sukanto

APPLICANT: Keim, Pamela S.
APPLICANT: Anderson, John P.

TITLE OF INVENTION: Beta-Secretase
NUMBER OF SEQUENCES: 21

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;;
;;
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP

STREET: Two Embarca
CITY: San Francisco

STATE: California
COUNTRY: USA
STD: 94111-3934

LIFE: 94111-5034
 COMPUTER READABLE FORM
 MEDIUM TYPE: Floppy

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COMPUTER:  IBM PC CO
OPERATING SYSTEM:  P

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; SOFTWARE: PatentIn
; CURRENT APPLICATION DA
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APPLICATION NUMBER:
FILING DATE:

CLASSIFICATION: 435
PRIOR APPLICATION DATA
; ADDITION NUMBER:
;

ATTORNEY/AGENT INFORMANT
FILING DATE: 07-JUN
APPLICATION NUMBER:

NAME: Heslin, James
REGISTRATION NUMBER:

REFERENCE/DOCKET NUM	TELECOMMUNICATION INFO
1	
2	
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TELEPHONE: 415-326-
TELEFAX: 415-326-24

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; INFORMATION FOR SEQ ID N
; SEQUENCE CHARACTERISTI
;

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; LENGTH: 1266 base p
TYPE: nucleic acid
STANDARDNESS: single

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TOPOLOGY: linear
MOLECULE TYPE: cDNA

US-08-660-531-2

Query Match	1
Best Local Similarity	5

Matches 651; Conservati

QY 75 ATGGACAGATCT
| | | | | | |
20 TACCGCATTTCC

DB 26 AAGGCGAGI I I C C

27
 86 CCTGCAGGCTTGA

195 CCATTACTTCAG

Db 146 CTCTGTA⁺CTTTGA

Query Match	Similarity	11.3%	Score 219.4	DB 4	Length 1266
Beet Local	Similarity	52.1%	Pred. No. 2.7e-52		
Matches	Conservative	0	Mismatches 541	Indels 57	Gaps 5
OY	75	ATGACAGAACTCTGTTACTTAAGACGTGACAGTATTTGAAGAGAAATGGCAACATCA	134		
Db	26	AAGGCATATTTCCACTAAACAGATGTAAACGTTGTTGAAGGTGGAACTGCATATTTGA	85		
OY	135	GCTGCAGGTCAAATPAGTAGTACGACTCAGTATTCAGCTCCTGAACCCCAACAGGCAGA	194		
Db	86	CCTGCAGGCGTTCATCAATATATTAACAATCTCCACAGTGTCAAAATCCAGCTCAACAGA	145		
OY	195	CCATTACTTCAGGGACCTTCAGGCGTTTGAAGACAGAGGTTTCAGTGTGTAATTTT	254		
Db	146	CTGTACTCTTGACGACAGAAAGCTTTTAAAGGCAATATGATCGAGCTGGCTTGGCGCTT	205		


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Db      181 GAGGAGAGGTTGGACATCATGTCGCAAGCTCAATAAGATGACGACTCTGTGATTCAG 240
Qy      241 CTACTGAATCCCAACAGGACAGACCACTTATTTACAGGAGCTTCAGGCTTTTGAAGACAGC 300
Db      241 CTACTGAATCCCAACAGGACAGACCACTTATTTACAGGAGCTTCAGGCTTTTGAAGACAGC 300
Qy      301 AGGTTTCAGTTCGTAATTTTCTAGCAGTGAACCTCAAGATATCAATTGACCAACGCTCTCA 360
Db      301 AGGTTTCAGTTCGTAATTTTCTAGCAGTGAACCTCAAGATATCAATTGACCAACGCTCTCA 360
Qy      361 ATTTCTGATGAAGAAATACCTTTTGGCAGCTCTTATCCGATCCCCCAGAGAAAGTTAC 420
Db      361 ATTTCTGATGAAGAAATACCTTTTGGCAGCTCTTATCCGATCCCCCAGAGAAAGTTAC 420
Qy      421 ACCACATACAGTCTGTGTCACACAGCTATCTGATGATGATGATGATGATGATGATGATGAT 480
Db      421 ACCACATACAGTCTGTGTCACACAGCTATCTGATGATGATGATGATGATGATGATGATGAT 480
Qy      481 GCGGTGAAGGTGAAGAGATTAAGTCAACTGCACTGCTATGCGCCAGGACAGCCACG 540
Db      481 GCGGTGAAGGTGAAGAGATTAAGTCAACTGCACTGCTATGCGCCAGGACAGCCACG 540
Qy      541 ACTATCAGTGTGTTAAAGGGAACACAGAGCTAAAGGCAATCGAGAGTGAAGAGTGG 600
Db      541 ACTATCAGTGTGTTAAAGGGAACACAGAGCTAAAGGCAATCGAGAGTGAAGAGTGG 600
Qy      601 TCAGACATGTACACTGTGACCAAGTCAAGTGTGAGAGTGAACAAGAGAGAGAGATGG 660
Db      601 TCAGACATGTACACTGTGACCAAGTCAAGTGTGAGAGTGAACAAGAGAGAGAGATGG 660
Qy      661 GTCCAGTGTATCTGCAAGTGAAGACCCCTGCGGTCACTGGAACCTGCAAGCCAGCGG 720
Db      661 GTCCAGTGTATCTGCAAGTGAAGACCCCTGCGGTCACTGGAACCTGCAAGCCAGCGG 720
Qy      721 TATCTAGAAGTACATTAAGCTCTTAAGTGCATTCAGATGATCTTATCTCTACAAAGC 780
Db      721 TATCTAGAAGTACATTAAGCTCTTAAGTGCATTCAGATGATCTTATCTCTACAAAGC 780
Qy      781 TTAACCCGGAAGGGAAGGCGCTTGATTAACATGTGAAGCATGCGGAGGCCAGGCT 840
Db      781 TTAACCCGGAAGGGAAGGCGCTTGATTAACATGTGAAGCATGCGGAGGCCAGGCT 840
Qy      841 GTGATGTGTAACCTTGGGTGAGAGTGCATGATGAATGCTCTCAACAGCCGTAAGTCTGG 900
Db      841 GTGATGTGTAACCTTGGGTGAGAGTGCATGATGAATGCTCTCAACAGCCGTAAGTCTGG 900
Qy      901 CCCAACCTGTTCAATTAACCTTAACCAAAACAGATTAAGTCAATACCGCTGTGAAAGCT 960
Db      901 CCCAACCTGTTCAATTAACCTTAACCAAAACAGATTAAGTCAATACCGCTGTGAAAGCT 960
Qy      961 TCAAAACATAGTGGGAAAGCTCACTCGGATTAATAGTGTATGATGATGATGATGATGATGATG 1020
Db      961 TCAAAACATAGTGGGAAAGCTCACTCGGATTAATAGTGTATGATGATGATGATGATGATGATG 1020
Qy      1021 ACTATCCCTCTCTCCCAACAAACCAACCAACCAACCAACCAACCAACCAACCAACCTCTT 1080
Db      1021 ACTATCCCTCTCTCCCAACAAACCAACCAACCAACCAACCAACCAACCAACCAACCTCTT 1080
Qy      1081 ACCATCATCAAGATTCCTCCAGAGAGTGAAGAGGCTGATCAAGGAGCTGATATATGCC 1140
Db      1081 ACCATCATCAAGATTCCTCCAGAGAGTGAAGAGGCTGATCAAGGAGCTGATATATGCC 1140
Qy      1141 GTGATCGGTGGGCTGTGAGCGGTGAGTGTGCTGATGATGATGATGATGATGATGATGATG 1200
Db      1141 GTGATCGGTGGGCTGTGAGCGGTGAGTGTGCTGATGATGATGATGATGATGATGATGATG 1200
Qy      1201 GGGGCGCTATTTTGGCAGACATTAAGGTACATATCTCACTGATGAAGCCAAAGAGCGAT 1260
Db      1201 GGGGCGCTATTTTGGCAGACATTAAGGTACATATCTCACTGATGAAGCCAAAGAGCGAT 1260
Qy      1261 GAGCGAGAGAGCGCAGACAGCTTAAATCAATGCAAGAGAGAGAGAGAGAGAGAGAGAGAG 1320
Db      1261 GAGCGAGAGAGCGCAGACAGCTTAAATCAATGCAAGAGAGAGAGAGAGAGAGAGAGAGAG 1320

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Db      1261 GAGCGAGAGAGCGCAGACAGACGCTATAATCAATCAGAGAGAGAGAGAGAGAGAGAGAGAG 1320
Qy      1321 GAAAGAGAGAGAGTACTTATCATGATGATGAGCTTTTGTTCATGATGATGATGATGATGATGATG 1380
Db      1321 GAAAGAGAGAGAGTACTTATCATGATGATGAGCTTTTGTTCATGATGATGATGATGATGATGATG 1380
Qy      1381 CCTATTTAGATGATTAAGAGACAGTGAATTTGGAACCTTGGAGAAATTCGTGTGTTTTT 1440
Db      1381 CCTATTTAGATGATTAAGAGACAGTGAATTTGGAACCTTGGAGAAATTCGTGTGTTTTT 1440
Qy      1441 TATGAATGGGTGAAGAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGT 1500
Db      1441 TATGAATGGGTGAAGAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGT 1500
Qy      1501 AAAAAATGTTCTTTGGAAAGAAAAAGCGGCTTTCTTATTCATTTCAATTCATTCAG 1560
Db      1501 AAAAAATGTTCTTTGGAAAGAAAAAGCGGCTTTCTTATTCATTTCAATTCATTCAG 1560
Qy      1561 CTTATCATTAATCCTTAATATCATATCATGCTATTTTCAT 1598
Db      1561 CTTATCATTAATCCTTAATATCATATCATGCTATTTTCAT 1598

RESULT 2
US-09-778-187b-1
; Sequence 1, Application US/09778187B
; Patent No. US20020168712A1
; GENERAL INFORMATION:
; APPLICANT: Baum, Peter R.
; TITLE OF INVENTION: MOLECULES DESIGNATED LDCAH
; FILE REFERENCE: 2873-US
; CURRENT APPLICATION NUMBER: US/09/778, 187B
; CURRENT FILING DATE: 2001-02-06
; PRIOR APPLICATION NUMBER: PCT/US99/17905
; PRIOR FILING DATE: 1999-08-07
; PRIOR APPLICATION NUMBER: US 60/095, 672
; PRIOR FILING DATE: 1998-08-10
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO: 1
; LENGTH: 1598
; TYPE: DNA
; ORGANISM: homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (16)..(1341)
; OTHER INFORMATION:
; US-09-778-187b-1

Query Match      100.0%; Score 1598; DB 9; Length 1598;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1598; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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143 ATGGGCAAGATCTGTTTACGAAAGACGTGACAGTATGAGGAGAGGTTCCGACATCA 202
26 AAGGGCAGTTTCCACTACACAGAAATGTAACCGTTGTTGAAGGTGCACTGCAATTTTGA 85
203 GTTGCCAGTCAATTAAGGTGACCACTGTGATTCAGCTACTGAATCCCAACAGGCGA 262
86 CCTCAGAGGTGATCAAAATATTAACACCTCCCTCCAGGTGTCAAAATCAGCTCAACGA 145
263 CCATTATTTTCAGGACTTTCAGGCTTTGAGAGCAGAGGTTTCAGTTGCTGAATTTT 322
146 CTCTGTACTTGGACGACAAAGAGCTTTAAGGACAAATAGATCGAGCTGGTGGCGCTT 205
323 CTAGCAGTGAATCAAAAGTATCATTGACAAAGTCTCAATTTTGTGATGAGAGATACT 382
206 CCTGACGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 265
383 TTTGCCAGCTCTATTCAGCTCCCAACGAAAGTTAACCACATCACTCAGTCTGCTGTC 442
266 CCGTCTTTTATTAACAATGCTGTCMAAACTTCCAGAGCAATCTCAGCTGCGGTG 325
443 CACCACTGATCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 502
326 TTTCTGAAAAGCTCAGATTAAGTATGATGATGATGATGATGATGATGATGATGATGAT 385
503 AAGTCACTGCACTGCTATGCGCAGCAAGCCAGCAGCACTATCAGGTGTTCAAGGGA 562
386 AGCTGACTTGGCAAAACATCTGATGATTAACCTGACGTGATTAAGATGATGATGATGAT 445
563 ACACAGACTTAAAGGCAATCGAGGTGGAAGAGTGTGAG-----ACATGTACA 613
446 ACAAGAGATTAAGATGATTAAGATTTTAAAGAGAGATGCAATGCAAGACATTTCA 505
614 CTGTGACAGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 673
506 CTGTGACAGCACTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 565
674 GCCAGGTGAGACCCCTGCGGTCTACTGGAACCTGCAAG-----CCGACGGATATTAAG 730
566 GCAGAGTATGATCAACAATCCCTCAATGCAACCCCTCAGGTAGCCAGTGAAGTATGAAA 625
731 TACAGTATTAAGCTTCAAGTCACTTCAAGTATTAATCTCTTCAAGGCTTAACCCGGG 790
626 TACACTATTAACAACATCACTTAAGATTAACATCACTCTCTTTT-----CACAG 676
791 AAGGGGACGCGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 850
677 AAGGACAGCTTTAATTTTGACTTGTGATGATGATGATGATGATGATGATGATGATGAT 736
851 CTGGGTGAGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 904
737 TGTGACAAAGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 796
905 AACTGTTATCAATTAACCTTAACAAAGATTAAGTATGATGATGATGATGATGATGATGAT 964
797 AGCTTAACATCTTTCTTGAACAAAGATTAAGTATGATGATGATGATGATGATGATGAT 856
965 ACATGAGGGAAGATCACTGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1024
857 ACACATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 916
1025 TCCCTCTCTCCCAACAACAACACCAACCAACCAACCAACCAACCAACCAACCAACCAACCA 1084
917 TGTCTTCCCACTATCAATCCCTCCCTTACCACTGCAACAGTCAACCACTGATGACCA 976
1085 TCATCAACGATTTCCGAGAGGTGAAGAGTCTGATCAGGCACTG-----1131
977 TAAACAACAGCCCAACAACATCTGCAACAACAGAGATCAAGATCTTAATGCTTTGG 1036
1132 -----GATCATGCGGTGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1174
1037 CTGGCCAAATGAGCCCTGACCAATGCTCTCATGAGAGAAATAGTGGCTGATGATGATGAT 1096
1175 CCATGCTGTGCTGCTCATTCATTCGTGGGCGCTATTTTGCAGACATAAAGGTACATACT 1234

1097 TCAGCTGTGTTCTATCTTTCTGCTTGTGATATTCGCAAGGCATTAAGGACGATTT 1156
1235 TCACATGAAAGCCAAAGAGCCGATGACGACAGCAGACAGACAGATTAATCAATG 1294
1157 TAAACAATGAGTAAAGAGCTGAAGATGACACAGATGCTGATACAGCATTTCAATG 1216
1295 CAGAAGAGGACAGACAACTCCGAGAGAAAAGAGTACTTCATCTA 1343
1217 CTGAAGCAGCAGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1265

RESULT 2
US-08-660-531-2
Sequence 2, Application US/0860531
Patent No. 6221645
GENERAL INFORMATION:
APPLICANT: Chrysler, Susanna M.S.
APPLICANT: Simha, Sukanto
APPLICANT: Keim, Pamela S.
APPLICANT: Anderson, John P.
TITLE OF INVENTION: Beta-Secretase
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESS: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Ctr., 8th floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/660,531
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/480,498
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Heslin, James M.
REGISTRATION NUMBER: 29,541
REFERENCE/DOCKET NUMBER: 15270-002210US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 1266 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-660-531-2

Query Match 14.2%; Score 227.4; DB 4; Length 1266;
Best Local Similarity 52.5%; Pred. No. 2.4e-54;
Matches 656; Conservative 0; Mismatches 536; Indels 57; Gaps 5;

143 ATGGGCAAGATCTGTTTACGAAAGACGTGACAGTATGAGGAGAGGTTCCGACATCA 202
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86 CCTCAGAGGTGATCAAAATATTAACACCTCCCTCCAGGTGTCAAAATCAGCTCAACGA 145
263 CCATTATTTTCAGGACTTTCAGGCTTTGAGAGCAGAGGTTTCAGTTGCTGAATTTT 322
146 CTCTGTACTTGGACGACAAAGAGCTTTAAGGACAAATAGATCGAGCTGGTGGCGCTT 205